IN THE CLAIMS

Please amend claim 11 as follows:

1. 1. (PREVIOUSLY PRESENTED) A computer-implemented system of developing multi-

2. tier business applications, comprising: a computer processor using memory,
3. performed by
4. an Integrated Development Environment (IDE), executed by a computer, for creating and

maintaining a multi-tier business application on a multiple tier computer network, wherein the IDE

includes a Topological Multi-Tier Business Application Composer that is used by a developer to

graphically create and maintain the multi-tier business application, a Meta-model that captures and

persistently stores information entered via the Composer, and an Interactive Agent that monitors

the Meta-model for an occurrence of an event that comprises a possible non-optimization in a

portion of the multi-tier business application based upon an heuristic analysis of information

gathered by the Composer and stored within the Meta-model, wherein the Interactive Agent

operates from a knowledge base stored as a part of the Meta-model, and the knowledge base is

structured in such a way that the occurrence of the event causes the Interactive Agent to access the

knowledge base to identify context information comprising a list of suggested and recommended

actions for the event, in order to trigger a display of a graphical element including the context

information in the Composer to interact with the developer.

2. (ORIGINAL) The system of claim 1, wherein the Interactive Agent includes a Novice

mode, and the Interactive Agent is triggered in the Novice Mode when an event occurs that is

selected from a group comprising:

 opening a new window;

 adding a new type of graphical element to a window;

 repetitiously adding a same type of graphical element to a window;

 transitioning from one window to another window;

 defining more than a predetermined number of tiers;

 defining less than a predetermined number of tiers;

 defining more than a predetermined number of workstations;

 defining less than a predetermined number of workstations;

 defining more than a predetermined number of applications;

 defining less than a predetermined number of applications;

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